

# POTENTIAL ZONONOS FROM NONHUMAN PRIMATES

DISEASE	ETIOLOGY	NONHUMAN PRIMATE SOURCE	TRANSMISSION	PREVENTIVE PROCEDURES	DETECTION IN NONHUMAN PRIMATES	DIAGNOSIS IN MAN
Tuberculosis	<i>Mycobacterium hominis, bovis or avium</i>	Potential from all	Direct	Sanitation, hygiene	ID skin test, radiograph	ID skin test, radiograph
Shigellosis	<i>Shigella spp.</i>	All	Direct contact, fomites?	Sanitation, hygiene	Presumptive with dysentery; culture	Culture
Salmonellosis	<i>Salmonella spp.</i>	All	Direct contact, fomites	Sanitation, hygiene	Culture	Culture
Herpes B	<i>Herpesvirus simiae</i>	Macaques	Bite, saliva, scratches	Protective apparel	Lip and tongue ulcers, antigen level	History, signs, antibody titer
Infections hepatitis	Hepatitis virus	Chimpanzees	Aerosol, blood	Protective apparel, sanitation, hygiene	RIA for antigen	RIA for antigen or antibody titer
Marbourg disease	Marbourg virus	African green monkeys; probably other African spp.	Contact with tissues and blood	Protective apparel, sanitation, hygiene	Antibody titer	Antibody titer
Measles	Rubeola virus	Macaques, marmosets, squirrel and cebus monkeys	Direct	Vaccine, not known to be zoonosis in <i>Homo sapiens</i>	Paired antibody titers; signs	Paired sera with antibody titer rise; signs
Rabies	Rabies virus	Potentially all nonhuman primates	Bite, saliva	Care in handling tissues; protective apparel	Mouse inoculation, FA; Suspicion with neurological signs	Antibody titers
Strongyloidiosis	<i>Strongyloides spp.</i>	Old World nonhuman primates	Direct	Sanitation, hygiene	Fecal exam	Fecal exam
Entamoebiasis	<i>Entamoeba histolytica</i>	Chimpanzees; others?	Direct	Sanitation, hygiene	Fecal exam	Fecal exam
Enterobiasis	<i>Enterobius vermicularis</i>	Chimpanzees	Direct	Sanitation, hygiene	Fecal exam, cellophane tape	Fecal exam, cellophane tape
Balantidiasis	<i>Balantidium coli</i>	Chimpanzees	Direct	Sanitation, hygiene	Fecal exam	Fecal exam
Dermatomycosis	<i>Microsporum spp.</i> <i>Trichophyton spp.</i>	Potentially all	Direct	Sanitation, hygiene	Wood=s lamp; culture; signs	Wood lamp; culture; signs